

Title (en)  
Ventilation device

Title (de)  
Belüftungsvorrichtung

Title (fr)  
Dispositif de ventilation

Publication  
**EP 1850012 B1 20081224 (FR)**

Application  
**EP 07356055 A 20070424**

Priority  
FR 0603851 A 20060428

Abstract (en)  
[origin: EP1850012A1] The device (1) has a motor (15) arranged outside an intake air flow, and a turbine (18) directly coupled to a shaft of the motor. A channel (24) surrounds the motor and is in communication with an outer air at a case (2) and with a depression zone inside the turbine. The channel is arranged to permit air circulation around the motor for ensuring the cooling of the motor. Suction orifices (20, 21) and an intake air deflection unit (26) are arranged in a manner to direct the inlet air in the case by the orifices towards inlet of the turbine.

IPC 8 full level  
**F04D 25/08** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)  
**F04D 25/08** (2013.01); **F04D 25/082** (2013.01); **F04D 29/4206** (2013.01); **F04D 29/4213** (2013.01); **F04D 29/441** (2013.01); **F04D 29/5806** (2013.01); **F04D 29/626** (2013.01); **F24F 7/007** (2013.01); **F05D 2250/51** (2013.01)

Cited by  
FR2950132A1; FR2951248A1; US11156229B2; FR3033627A1; FR3043760A1; FR3047524A1; EP3495748A1; FR3074568A1; EP3236171A1; FR3050515A1

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DOCDB simple family (publication)  
**EP 1850012 A1 20071031; EP 1850012 B1 20081224**; AT E418680 T1 20090115; DE 602007000388 D1 20090205; ES 2319698 T3 20090511; FR 2900449 A1 20071102; FR 2900449 B1 20120824

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